

Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.43031X00	SERIAL NO. 10/642,632
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT TANAKA et al	
		FILING DATE August 19, 2003	GROUP 1745

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

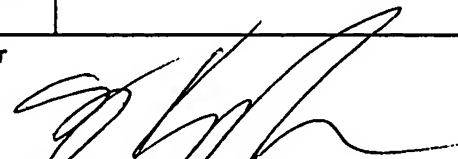
U.S. PATENT APPLICATIONS

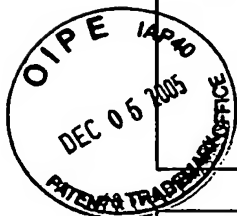
	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
<input checked="" type="checkbox"/>	AM	2000-90956	3/2000	Japan	H01A	8/24	Abstract
<input checked="" type="checkbox"/>	AN	64-43553	3/89	Japan	H01A	8/02	X
	AO						
	AP						
	AQ						

OTHER DOCUMENTS

AR	
AS	
AT	
Examiner	Date Considered
	3/23/06



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W905

INFORMATION UNDER 37 CFR 1.56(a)
(For Initial Filing)

The following references are submitted as information
to comply with the duty of disclosure under 37 CFR 1.56(a):

References	Disclosed in the specification		Copy			Translation (English Abstract)	
	Yes	No	Enc.	Follow	Please Obtain	Enc.	Not availa ble
801c 1. JP-A-09-22720	X		X			X	
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Concise Explanation (Relevant Portion)



3/23/06